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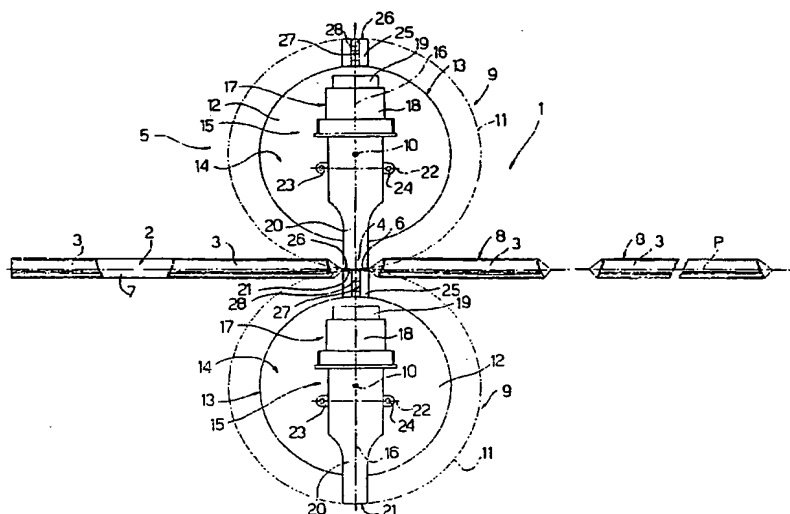
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- (74) Agents: **JORIO, Paolo et al.**; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).
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- (71) Applicant (for all designated States except US): **AZIONARIA COSTRUZIONI MACCHINE AUTOMATICHE A.C.M.A. S.p.A.** [IT/IT]; Via Cristoforo Colombo, 1, I-40131 Bologna (IT).
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- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **BOLDRINI, Fulvio** [IT/IT]; Via Zerbini, 11, I-44100 Ferrara (IT). **GHIOTTI, Roberto** [IT/IT]; Via Togliatti, 4, I-40050 Calderino Monte San Pietro (IT). **CAVALLARI, Stefano** [IT/IT]; Via Del Meloncello, 5, I-40135 Bologna (IT).
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(54) Title: ROTARY UNIT FOR ULTRASOUND SEALING CONTINUOUS TUBULAR STRIPS



(57) Abstract: A rotary unit (5), of an FFS (Form, Fill and Seal) machine (1), for ultrasound sealing a continuous tubular strip (2) housing an orderly succession of products (3) and fed along a feed path (P) extending through a sealing station (4); the rotary unit (5) having two substantially identical rotors (9) located on opposite sides of the feed path (P), and which rotate in opposite directions about respective axes (10), and have respective pitch surfaces (11) tangent to each other and to the feed path (P); and an ultrasound sealing head (15), forming part of one of the two rotors (9), cooperates at the sealing station (4) with a corresponding anvil (25) forming part of the other rotor (9), to close the tubular strip (2) along a transverse seal line (6) located at a respective portion (7) of the tubular strip (2) extending between two respective adjacent products (3).



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.